

Important Notice for the Contivity 600

Introduction

The Nortel Networks* Contivity* 600 switch is for branch offices and small businesses that need to be interconnected via managed IP VPNs. The switch provides scalable, secure, manageable extranet access for up to 30 simultaneous users across the Public Data Network (PDN). It combines routing, firewall, bandwidth management, remote access protocols, security, authentication, authorization, and encryption technologies into a single solution. An individual user or group of users can be associated with a set of attributes that provide custom access to an extranet.

Figure 1 The Contivity 600



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Note: Regulatory and software licensing information can be found in Getting Started with the Contivity 600 on the CD.

Components and specifications

Table 1 lists all of the components and accessories of the Contivity 600. If for any reason you have not received all of the materials listed, please contact Nortel Networks Customer Service.

Table 1 Components and accessories of a Contivity 600

Description	Quantity
Contivity 600	1
Molded serial cable DB9/DB25-to-DB9/DB25	1
Contivity CD	1
IP Address Configuration Utility diskette	1
<i>Quick Starting the Contivity 600</i>	1
<i>Release Notes</i>	1
AC to DC external power supply pack	1

Note: The power cord is ordered separately.

Table 2 shows the physical specifications and operating environment for the Contivity 600.

Table 2 Physical specifications and operating environment

Specification	Description
Physical	
Depth	10.75 in. (27.30 cm)
Width	8 in. (20.32 cm)
Height	4 in. (10.16 cm)
Weight	7 lbs. (3.175Kg)
Electrical	
Voltage	100 - 240 VAC
Current	1.9 A
Frequency	47/63 HZ
Operating environment	
Temperature	32 - 110° F (0 - 45° C)
Relative Humidity	10 - 90% non condensing



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Starting the Contivity 600

1. Connect the 10/100BASE-TX LAN RJ-45 connector to the switch and all other LAN/WAN connections.



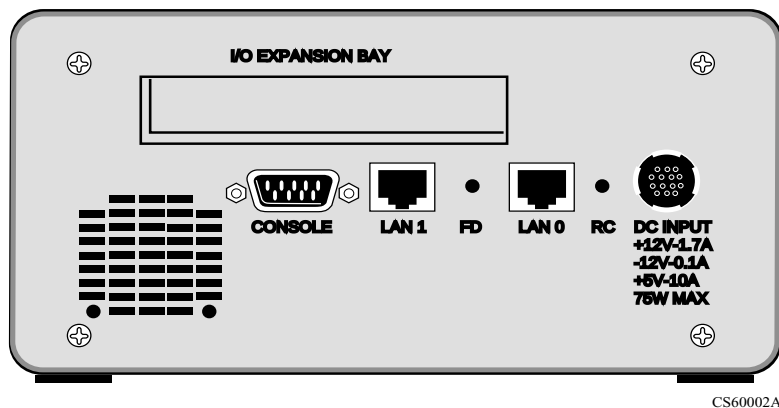
Caution: Cabling for all WAN, LAN, and serial connections is not to be routed outside the building environment.



Warning: Connect the LAN/WAN, serial port, and DC power cables before connecting the AC cord to the power supply pack and to an AC power source.

Figure 2 shows the back of the switch.

Figure 2 Back view of the Contivity 600



2. Connect the serial interface cable.

The serial cable is a DB9/DB25-to-DB9/DB25. The DB9 connector goes into the switch and the other DB9 or DB25 connector goes into your workstation. This serial cable enables configuration of the management IP address, subnet mask, default gateway address, and other configurable parameters.

3. Connect the power cord to the switch, the power supply pack, the surge protector, and the AC power outlet.



Warning: Do not modify or use the AC power cord if it is not the exact type that is required for your power outlet.



Caution: You should protect your switch by plugging it into a surge suppressor.



Note: There is no power switch. Plugging in the power pack and power cord will turn the system on.

Table 3 shows the power cord requirements.

Table 3 Power cord requirements

Current rating	The power cord must be rated for the available AC voltage, and must have a current rating that is at least 125 percent of the switch's current rating.
Wall outlet connector	The power cord must terminate in a male plug with appropriate grounding. The power cord must have certification marks from an acceptable regional agency.
Power supply connector	The connector that you plug into the Contivity power supply AC receptacle must be an IEC 320, Sheet C13 female.
Cord length and flexibility	The power cord must be less than 4.5 meters (14.7 feet) long, and it must be a flexible HAR (harmonized) cord or VDE-certified cordage to comply with the switch's safety certifications.



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Confirm that the LAN interfaces are cabled properly by examining the LEDs located on the front panel of the switch as shown in [Figure 1](#). [Table 4](#) describes the Contivity 600 front panel LEDs.

Table 4 Contivity 600 front panel LEDs

LED	Description
Power	Green when DC power is supplied to the unit.
Alert	Red indicates a serious condition. This LED indicates the Health Check status that is described in Health Check reports. Refer to <i>Configuring the Contivity VPN Switch</i> for information on Health Check.
Attention	Yellow indicates a software attention condition. This LED indicates the Health Check status that is described in Health Check reports. Refer to <i>Configuring the Contivity VPN Switch</i> for information on Health Check.
Ready	Green indicates that the box has reached a state of readiness
Boot	Yellow after power is applied indicates a boot-in-process/non-ready state. When both the Boot and the Ready LEDs are lit at the same time, this indicates that the unit has entered recovery mode.

4. Assign a system identity.



Note: Nortel Networks recommends that you use the IP Address Configuration Utility diskette for easy initial IP address configuration.

Using a PC on the LAN, insert the diskette into the A: drive and select Start → Run, and then type **a:\ExtNetIP.exe** or open the My Computer icon on the desktop, open the A: drive, and double-click on the ExtNetIP.exe icon.



extnetip.exe

The program automatically enters the serial number for the first available switch into the table of Contivity switches, as shown in [Figure 3](#).

Figure 3. Extranet address configuration utility display

Serial Number	Management IP Address	Subnet Mask	Default Gateway	
				Apply
				Apply
				Apply

Assign a management IP address and subnet mask to the switch; the default gateway address is optional and can be added later. If you have more than one switch, click Search to automatically add the additional switch serial numbers. To verify the switches that have been discovered, you can refer to the serial number on the bar code on the bottom of the switch.

Click Apply to configure the management IP address, subnet mask, and default gateway on each switch. Click Close to exit. The Extranet Address Configuration Utility display disappears.

When the switch has completed updating its configuration with the management IP address, subnet mask, and optional default gateway, your default Web browser opens the Contivity Extranet Switch Welcome display. Click Close to shut down the Extranet Address Configuration Utility.



Note: Before moving the switch from one network to another, change the management IP address, subnet mask, and default gateway. Otherwise, you will need to follow the Serial Interface Configuration procedure described in *Getting Started with the Contivity 600* to access your switch, because it will not be accessible from a Web browser with an invalid address.

For more information on assigning a management IP address, subnet mask, and optional default gateway address to your switch, refer to *Getting Started with the Contivity 600*, located on the CD.



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Related documentation

Table 5 shows the associated documentation located on the CD. This information will help you to configure and manage the switch.

Table 5. Related documentation

Document	File
<i>Contivity VPN Switch Release Notes</i>	server_relnotes.pdf
<i>Configuring the Contivity VPN Switch</i>	cesproc.pdf
<i>Getting Started with the Contivity 600</i>	600gs.pdf
<i>Reference for the Contivity VPN Switch</i>	cesuiref.pdf
<i>Managing the Contivity Stateful Firewall</i>	csfw.pdf
<i>Reference for the Contivity VPN Switch Command Line Interface</i>	clirefgd.pdf

Hardcopy documentation

You can print selected technical manuals and release notes free, directly from the Internet. Go to the www.nortelnetworks.com/documentation URL. Find the product for which you need documentation. Then locate the specific category and model or version for your hardware or software product. Use Adobe* Acrobat Reader* to open the manuals and release notes, search for the sections you need, and print them on most standard printers. Go to Adobe Systems* at the www.adobe.com URL to download a free copy of the Adobe Acrobat Reader*.

You can purchase selected documentation sets, CDs, and technical publications through the Internet at the www1.fatbrain.com/documentation/nortel/ URL.

How to get help

If you purchased a service contract for your Nortel Networks product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

If you purchased a Nortel Networks service program, contact one of the following Nortel Networks Technical Solutions Centers:

Technical Solutions Center	Telephone
Europe, Middle East, and Africa	(33) (4) 92-966-968
North America	(800) 4NORTEL or (800) 466-7835
Asia Pacific	(61) (2) 9927-8800
China	(800) 810-5000

Additional information about the Nortel Networks Technical Solutions Centers is available from the www.nortelnetworks.com/help/contact/global URL.

An Express Routing Code (ERC) is available for many Nortel Networks products and services. When you use an ERC, your call is routed to a technical support person who specializes in supporting that product or service. To locate an ERC for your product or service, go to the <http://www130.nortelnetworks.com/cgi-bin/eserv/common/essContactUs.jsp> URL.

